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Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 10644 (1983): Recommendation on preferred shut heights
for mechanical presses [PGD 4: Metal Forming Machines]

“ज्ञान से एक नये भारत का निर्माण”

Satyanaaranay Gangaram Pitroda

Invent a New India Using Knowledge



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”



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Indian Standard

RECOMMENDATION ON PREFERRED SHUT HEIGHTS FOR MECHANICAL PRESSES

1. Scope — Prescribes preferred shut heights for mechanical presses.

2. Terminology

2.1 Shut Height — The distance from the top of the bed to the bottom of the slide with stroke down and adjustment up.

2.1.1 The shut height shall be specified at maximum stroke in case of presses with adjustable stroke.

3. Shut Heights — The preferred shut heights in millimetres for mechanical presses shall be as given below:

100	(112)	125	(140)	160	(180)	200	(224)
250	(280)	315	355	400	450	500	560
630	710	800	900	1 000			

Note 1 — Shut heights less than 100 mm or more than 1 000 mm may be chosen from R20 preferred series as given in IS : 1076 - 1987 'Preferred numbers (first revision)'.

Note 2 — Size given in bracket is non-preferred.

EXPLANATORY NOTE

This standard has been prepared with a view to rationalize the shut heights of mechanical presses based on the experience of the Indian industry.

**AMENDMENT NO. 1 AUGUST 1995
TO
IS 10644 : 1983 RECOMMENDATION ON
PREFERRED SHUT HEIGHTS FOR MECHANICAL
PRESSES**

(*Page 1, clause 3, Note 1*) — Substitute the following for the existing note:

“Note 1 — Shut heights less than 100 mm or more than 1 000 mm may be chosen from R20 preferred series as given in IS : 1076 (Part 1) - 1985 ‘Preferred numbers : Part 1 Series of preferred numbers (*second revision*)’.”

(PE 04)

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